

# *Adoption of Standards for Logistics Business Data Exchange (DoDD 8190.1)*

## *Integrated Product Team Meeting*

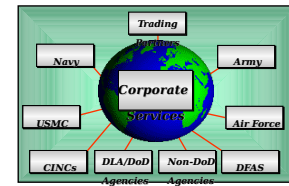
### *December 5, 2000*

**Col Rich Modell**

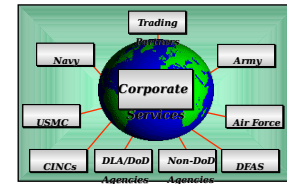
**703-767-6992**



# Agenda



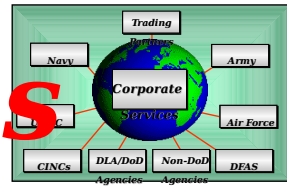
<u>Time</u>	<u>Topic</u>	<u>Presenter</u>
0900-0915	Welcome/Administrative Remarks	Col Modell (IPT Chair)
0915-0930	Review of Actions to Date	IPT Chair
0930-0945	Component Plan Review	Army
0945-1000		Navy
1000-1015		Air Force
1015-1030	BREAK	
1030-1045		Marine Corps
1045-1100		DLA
1100-1115		TRANSCOM
1115-1130		DFAS
1130-1230	Lunch	
1230-1330	Component Plan Assessment	IPT Chair
1330-1400	XML Update	IPT Chair
1400-1430	Data Update	Marge Larson
1430-1445	BREAK	All
1445-1515	Service-unique Data	Paul Jensen
1515-1600	General Updates: Training; DLMS Manual; DLMS Version Control; Component Plan Status Reporting; Wrap-up	IPT Chair



# Welcome, Meeting Overview, Administrative Remarks



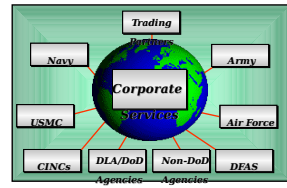
# Administrative Remarks



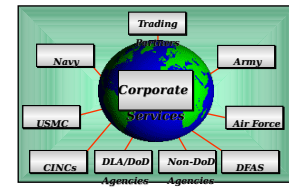
- ✓ **Local telephone: 703-820-5571**
- ✓ **Restroom facilities - left out the door, then first right**
- ✓ **Lunch: first floor cafeteria, Clyde's -- after the next building to the south**
- ✓ **Other**
  - **Thai, Starbucks, MacDonald's -- shopping center past Clyde's**
  - **Skyline area: turn left onto N Beauregard, left onto Seminary, arrive at Skyline area, take your pick**
  - **Across I395 -- Left onto N Beauregard, right onto Seminary, cross I395; Steak and**



# Review of Actions to Date



- ✓ **Dec 1998:** DRID #48...directed migration to commercial standards
- ✓ **Sep 1999:** DUSD(AT&L) Memorandum...provided interim guidance and policy
- ✓ **Mar 2000:** DUSD(L&MR) Memorandum...limited changes to DLSS
- ✓ **Mar 2000:** USD(AT&L) Memorandum...DAASC central transaction processor
- ✓ **Apr 2000:** DUSD(L&MR)/C3I...published DoD-wide Corporate-level EDI  
ED I Implementation Plan - provides corporate services for:  
translation; training; testing; “configuration management”, etc.
- ✓ **May 2000:** DoD EDI Policy Directive 8190.1...issued logistics EDI policy
- ✓ **May 2000:** DUSD(L&MR) Memorandum...delegated DoD



# Component Plan Review

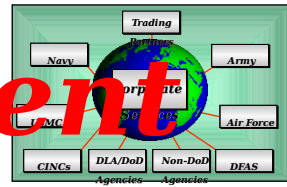
(individual  
Components)



# Component Plan Assessment



# Component Plan Assessment

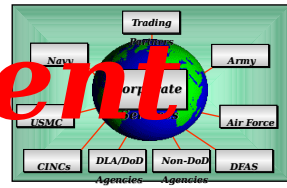


- ✓ **Overall great start**
- ✓ **Basic framework there--need to build on it**
- ✓ **Update frequency**
  - **Initially no less than 6 months--later as required**
- ✓ **JECPO/DLMSO synchronize/harmonize**
  - **Cannot ignore use of multiple EC technologies**
  - **DLMSO EB/EC broker for all present and future methods**
  - **Multiple requirements need to be synchronized: ie DoDD 8190.1, MRM 15, DRID #54, DoDD 8190.2, etc.**
  - **Identify semiannual reporting requirements**
- ✓ **DLMS EC technology neutral**
  - **Multiple EC methods--data sharing, X12, XML, www-based,...**
  - **Functional/software interoperability--ERP, IDE, GCSS, etc.**
  - **DLMSO provide business rules translatable to all**





# Component Plan Assessment (cont.)

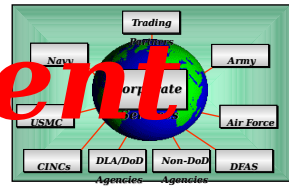


## ✓ Issues

- **Corporate conversion support**
  - **In-place until not needed**
  - **Duplication not cost effective**
- **Component-unique data/transactions**
  - **Add to DLMS process**
  - **Identify new business processes**
- **Security/Authentication safeguards**
  - **Incorporate DoD requirements**
  - **DLMSO monitor**
- **DLMSO begin streamlining approach**
  - **Reduce bandwidth requirements**
  - **Process modernization**
  - **Eliminate redundancy**
  - **Resolve DLMS to DLSS enhanced data problem**



# Component Plan Assessment (cont.)

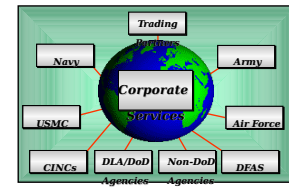


## ✓ Issues

- **Corporate processing services versus point-to-point**
  - **DAASC/DEBX responsive**
  - **End-to-end performance metrics**

## ✓ Component migration points of contact

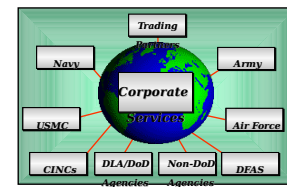
<u>Component</u>	<u>Representative</u>	<u>Office</u>
Army	LTC Arnold Veazie	DALO-PLI
Navy	Mr. Joseph Minnick	NAVSUP 64B
Air Force	Mr. Steve Alsup	HQ USAF/ILXI
Marine Corps	Ms. Cynthia Matsumoto	HQMC I&L/LPV
DLA	Ms. Shelly Broussard	JECPO/J-67 eBusiness
USTRANSCOM	Mr. Kevin Boyce	USTRANSCOM TCJ4/LPD



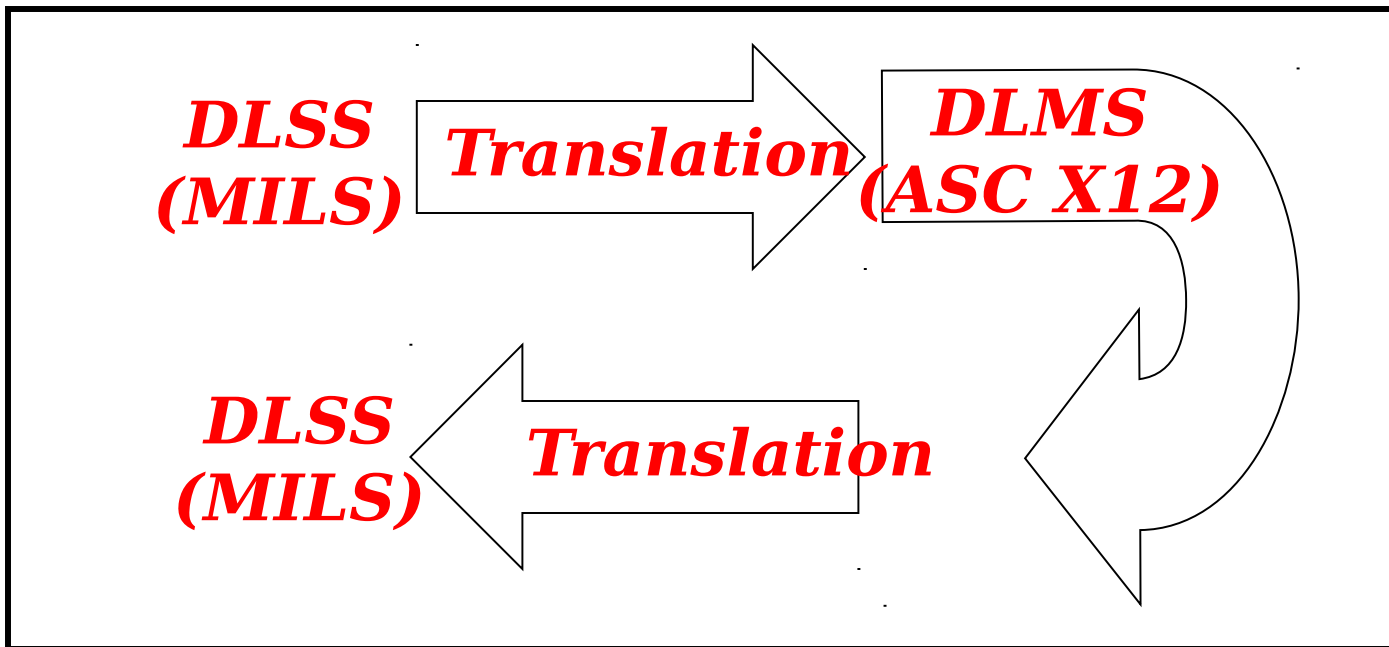
# XML Update



# Current Translation Capability

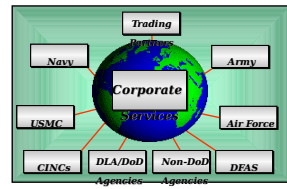


*DoD Electronic Business eXchange (DEBX) translation software automates the process of transforming Component DLSS (MILS) data into DLMS (ASC X12) transactions and back to DLSS*





# Technology Expansion



## DRID #48 IPT and DoD policy mandated:

**Expand DLMS “to employ other emerging EB/EC technologies such as: data sharing, automated identification technology, object-oriented user interfaces, electronic malls, web-based**

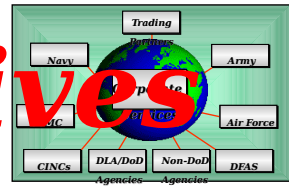
**technology, and electronic funds transfer, as appropriate.”**  
✓ **DLMSO partnering with ManTech - “Enterprise Center”**

### ✓ **Currently working:**

- **Testing COTS capability to transform X12 to XML**
- **Developing roadmap - migration from DLSS/DI XML EDI and beyond**
- **Support for ERP (IDOC (SAP)) and other COTS**

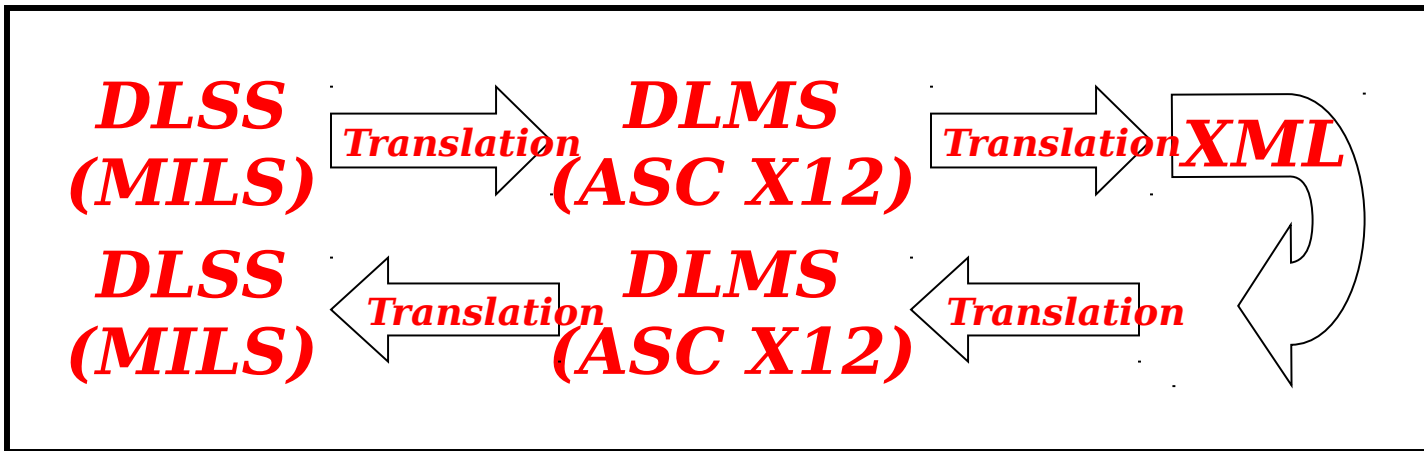


# XML Framework Alternatives



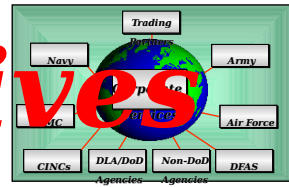
**Universally accepted XML solution - 2 + years away.**

- ✓ **RISK - DLMSO moving forward now - pending final**
  - **Demo tool that creates XML DTD equivalents to**
  - **No loss of data during translation process**
  - **Pursuing XML training - future XML DTD/X12D in-house effort**





# XML Framework Alternatives



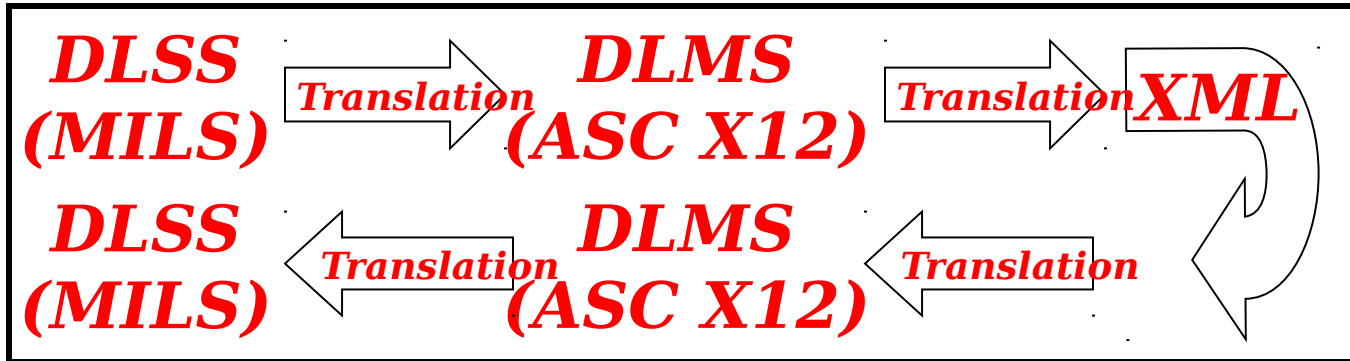
**XML what's next: limited "live" proof of concept**

✓ **DAASC and DLMSO working with JECPO Engine**

- **Acquiring "XML Solutions" demo version + pe**
- **Validating DEBX integration**
- **Assuring XML "pass back" ca**

**Learning a LOT!**

**Expect results - February 200**

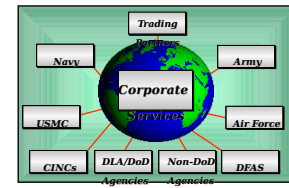




# *Data Update*

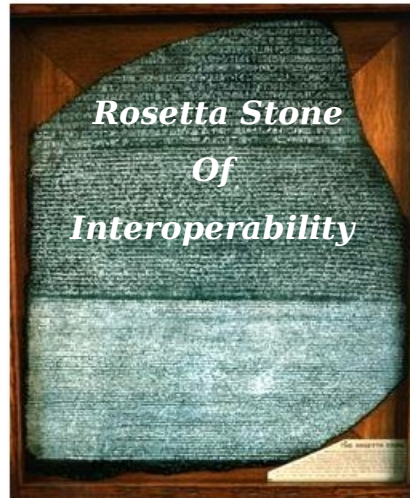
*Ms. Marge Larson - Log FDAd*





# *Logistics Data Management*

## *EDI Standards IPR*



**Ms. Marge Larson**  
**Logistics FDAd**  
**703-767-0683**  
**[marge\\_larson@hq.dla.mil](mailto:marge_larson@hq.dla.mil)**



# Background

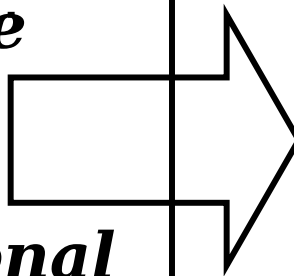


- ✓ *DLA delegated logistics functional data administration (*
- ✓ *DUSD(L) retains policy authority*
- ✓ *DLA shall:*
  - *Reinvigorate logistics data management/administrati*
  - *Develop implementation POA&M*

**1990-2000**

**2000 +**

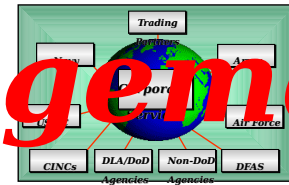
- **Technically focused:**
  - ✓ **Infrastructure**
  - ✓ **Data**
  - ✓ **Repositories**
- **Minimal functional participation**



- **Functionally focused**
  - ✓ **Warfighter support**
  - ✓ **Functional requiremen**
  - ✓ **Joint perspective**
- **Policies - support warfighter**



# *Logistics Data Management*

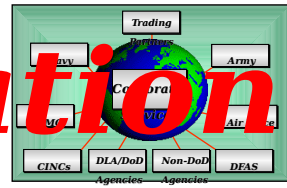


- ✓ *Decision maker can't trust current data*
- ✓ *Error rates (computer rejects) high*
- ✓ *Manual data collection vs web query*
- ✓ *Homegrown systems*
- ✓ *Lack of interoperability between departments/functions*
- ✓ *High IT development/maintenance costs*

***SOUND FAMILIAR?***



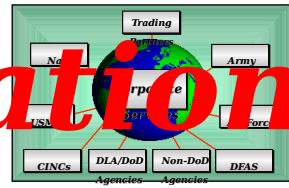
# *Process Reinvigoration*



- ✓ ***What's Needed:***
  - ***Institutionalized functional data management administration process***
  - ***Agreed to inter-Component (Joint) data exchange requirements***
  - ***Map COTS and legacy data to CLDM and DDM***
  - ***Established data configuration control procedure***
  - ***Configuration control infrastructure - proactive***
  - ***Partner with DISA Engineering and Data Admin***
  - ***Interoperability metrics***
  - ***Senior commitment/resources***



# *Process Reinvigoration*



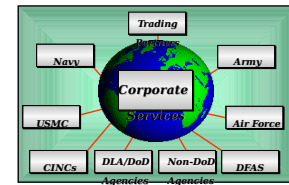
## *✓ Roadmap:*

- *Build on and leverage prior success - not starting from scratch*
- *Charter logistics data management process review (LDPRC) - work functional requirements*
  - *Establish business rules/standards*
  - *Build consensus*
  - *Validate/approve requirements*
  - *Recommend priorities*
- *LIB - top level commitment (3 Nov 00)*
  - *Approved log data priorities*
  - *OSD C3I working short term 01-02 funding*
  - *DII Reference Table Project*

***DATA WILL HAVE WARFIGHTER FOCUS***



# Log Data PRC-



✓ ~~Define role of DIMSO~~ standards within logistics data

~~program~~ role: establish a collaborative process to reach and d  
agreements on data names, meanings, and use

- ✓ *FDAd integrated into logistics standards proces*
- ✓ *Reinventing the way logistics data is managed:*
  - *Data Process Review Committee (PRC) met O*
    - *Established Charter*
    - *Defined action-level consensus on way ahe*
  - *Partnering with Joint Staff, OSD, DISA, TRAN*
  - *Focus on warfighter data problems*



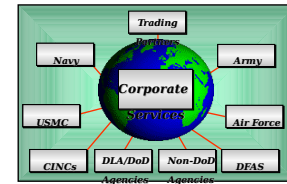
# Data RIT



- ✓ **RIT for DoD Data Interoperability**
  - **Sponsored by Deputy CIO and DUSD Acq Reform)**
  - **14-16 Nov 00 at Change Mgt Center**
- ✓ **DII Project submission - (Ref Table prototype)**
  - **Log FDAd, TRANSCOM, DISA, Jt Staff, OSD**
- ✓ **Major Department Wide Focus on Data**
- ✓ **15 Dec Change Management Summit**
- ✓ **STAY TUNED!!**



# Data RIT



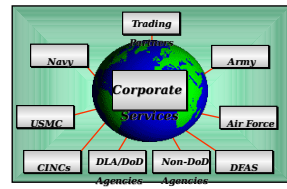
## ✓ *Barriers to Change*

- *Disconnect between senior leadership and mid-mgt*
- *Data interoperability not effectively tied to acquisition process*
- *No incentives for developers to share/reuse data*
- *Lack of enforcement of current data policies*





# *Proposed Follow-on Team Efforts*



## TEAM/TASK LEADER

- 1. Enterprise Level Community of Interest J6/DCSC4*
- 2. Logistics Reference Tables Log FDAd*
- 3. Marketing/Business Case J6*
- 4. Policy Conflicts/Shortfalls OSD C3I*
- 5. Acquisition Specifications J6*
- 6. Data Accessibility Vision OSD C3I*
- 7. Data Steward Responsibilities/Relationships  
Health FDAd*
- 8. Metadata Repository Requirements DISA*
- 9. Data Accessibilitiy infrastructure Concepts DISA*



# *Proposed DII Project*



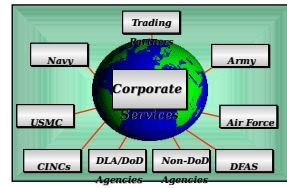
*Proposed reference table proof of concept*

✓ *Millennium Challenge results - 72 H*

- *Baseline for metrics*
- *Identify reference tables in Log Inf*
- *Analyze codes/processes*
- *Recommend/implement change*
- *Partner with TRANSCOM, DISA, S*
- *Agencies, Jt Staff, OSD*
- *\$1.5 M (briefs to DAC, MCEB, LIB,*

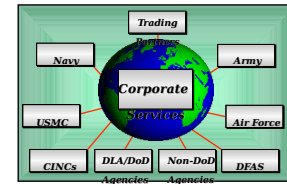


# Summary



- ✓ *Data reinvigoration - long overdue*
- ✓ *Component support required*
- ✓ *Top level commitment from all areas of DoD essential*
- ✓ *Resourcing issues need to be addressed*

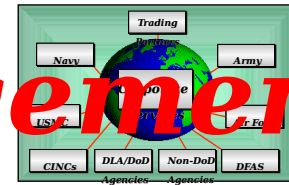
**Data accuracy (management/administration)**  
✓ **We're Making progress!!!!**  
**key enabler to interoperability!**



# BACKUP



# Logistics Data Management



✓ Define logistics data management program

## requirements

<u>Priority</u>	<u>Activity</u>	<u>FY01</u>
1	Corporate Logistics	\$275,732
	Data Model (sustainment)	
2	Plan and administer Log data program	\$540,802
3	Transition to Commercial standards (modernization)	\$408,825

Funded by JECPO

Current FY01 Funding +/- \$300K



# Logistics Data Management



## ✓ Define logistics data management program

### Requirements

		<u>FY01</u>
1	Corporate Logistics Data Model (sustainment)	\$275,732
2	Transition to commercial standards (modernization)	\$408,825
3	Reference table (prototype)	\$1,500,000
4	Plan and administer log data program	\$540,802
	Implement log data program	\$514,085
	Improve accessibility of log standards	\$48,629
	Establish/maintain quality/integrity program	\$250,000
	Technical FDAd support	\$285,917

**Funded**

**Current FY01 Funding +/- \$300K**



# *Service-unique Data*

## *Mr. Paul Jensen - LMI*



# *General Update*



- ✓ *Training*
- ✓ *DLMS Manual*
- ✓ *DLMS Version Control*
- ✓ *Component Status Reporting*
- ✓ *Wrap-up*





# *Training*



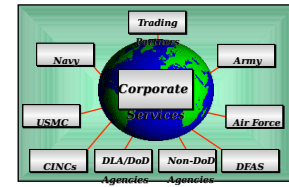
## ✓ *Training Program Developed*

### ▪ *Modular design*

- *Introduction to commercial EDI*
- *Introduction to the DLMS*
- *Implementation Strategy*
- *DLMS ICs*

### ▪ *Initial offering*

- *Postponed until 1st quarter, CY 2001*
- *Personnel and funding now resolved and back on track*
- *Register at*  
<http://www.fecrc.com/dlms.html>



# ***DLMS Manual - Is Under Revision***

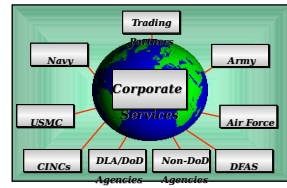


# ***DLMS Version Control***

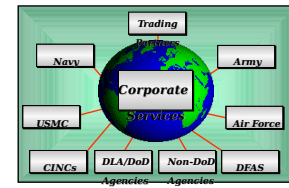
## ***Mr. Stuart Scott - DAASC***



# ***Component Plan Status Reporting***



- ✓ ***In accordance with Corporate Plan paragraph 2.3.3***
- ✓ ***Update original submission - copy to DLMSO***
- ✓ ***Identify implementation issues requiring DLMSO/OSD support***
- ✓ ***Summarize implementation progress by system as identified in plans***



*Wrap - up*